

Goat anti-CTLA + CTLB Antibody

Item Number	dAP-1611
Target Molecule	Principle Name: CTLA + CTLB; Official Symbol: CLTA; All Names and Symbols: CLTA; CTLB; clathrin, light chain (Lca); LCA; clathrin, light polypeptide (Lca); clathrin, light polypeptide A; clathrin, light chain (Lcb); LCB; Accession Number (s): NP_001824.1; NP_009027.1; NP_001070145.1; NP_001825.1; NP_009028.1; Human Gene ID(s): 1211; 1212; Non-Human GeneID(s): 12757 (mouse) 83800 (rat)
Immunogen	CDFNPKSSKQAKD, is from internal region This antibody is expected to recognize all reported isoforms of light chains a and b.
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx. 35kDa and 22-23kDa bands observed in Human Brain (Frontal Cortex) lysates (calculated MW of 23.2kDa according to NP_001825.1). The observed molecular weight of ~35kDa corresponds to earlier findings in literature with different anti
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Poupon V, Girard M, Legendre-Guillemain V, Thomas S, Bourbonniere L, Philie J, Bright NA, McPherson PS. Clathrin light chains function in mannose phosphate receptor trafficking via regulation of actin assembly. Proc Natl Acad Sci U S A. 2008 Jan 8;105(1):168-73. Epub 2007 Dec 28..PMID: 18165318

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**